

UNITED STATES  
PATENT AND  
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AUGUST 28, 2002

PTAS

NEW ENGLAND BIOLABS, INC.  
GREGORY D. WILLIAMS  
32 TOZER ROAD  
BEVERLY, MA 01915

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
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UNITED STATES PATENT AND TRADEMARK OFFICE  
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RECORDATION DATE: 03/26/2002

REEL/FRAME: 012921/0098

NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BUZBY, PHILIP R.

DOC DATE: 03/15/2002

ASSIGNOR:

DIMEO, JAMES J.

DOC DATE: 03/15/2002

ASSIGNEE:

NEN LIFE SCIENCE PRODUCTS, INC.  
549 ALBANY STREET  
BOSTON, MASSACHUSETTS 02113

ASSIGNEE:

NEW ENGLAND BIOLABS, INC.  
32 TOZER ROAD  
BEVERLY, MASSACHUSETTS 01915

SERIAL NUMBER: 10089027  
PATENT NUMBER:

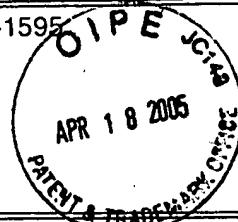
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JC10 Rec'd PCT/PTO 26 MAR 2002

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

BUZBY, Philip R.  
DiMEO, James J.

03/26/02

Additional name(s) of conveying party(ies) attached? No

## 3. Nature of Conveyances:

- Assignment       Merger  
 Security Agreement       Change of Name  
 Other: \_\_\_\_\_

Execution Date: March 15, 2002

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new Application, the execution date of the application is: 3/13/2002

## A. Patent Application No.(s)

Additional numbers attached? No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Gregory D. Williams  
 Name: General Counsel  
 New England Biolabs, Inc.  
 Street Address: 32 Tozer Road  
 Beverly MA 01915  
 City: State: Zip:

## 6. Total number of applications and patents involved: one

## 7. Total fee (37 CFR 3.41): \$ 40.00

 Enclosed Authorized to be charged to deposit account

## 8. Deposit Account Number: 14-0740

(Attach duplicate copy of this page if paying by deposit account)

02/2002 MALI11 0000029 10089027

0 P:581 40.00 UP

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gregory D. Williams (Reg. No. 30901)

Name of Person Signing

Signature

Date 3/25/02

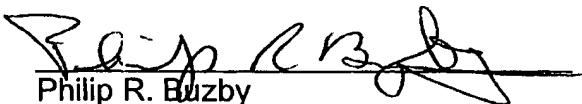
Total number of pages comprising cover sheet: one

## ASSIGNMENT

We, Philip R. Buzby and James J. DiMeo for good and valuable consideration from NEN Life Science Products., a Massachusetts Corporation, having its principal place of business in Boston, Massachusetts, hereinafter called the Assignee, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title, and interest in, to and under an application for Letters Patent of the United States Serial No. \_\_\_\_\_, signed by me on uneven date herewith for improvements in **INCORPORATION OF MODIFIED NUCLEOTIDES BY ARCHAEO DNA POLYMERASES AND RELATED METHODS** including all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent.

And for the above consideration I agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation or reissue, or other papers which may be necessary or desirable to secure to the Assignee, said application and all patent rights therein, in the United States and in any country foreign thereto.

**IN WITNESS THEREOF**, I, Philip R. Buzby, hereunder set my hand and seal this 15 day of March, 2002, and I, James J. DiMeo, hereunder set my hand and seal this 15 day of March, 2002.



Philip R. Buzby

Commonwealth (State) of Massachusetts  
County of Suffolk ss.

Before me personally appeared said Philip R. Buzby and acknowledged the foregoing instrument of assignment to be [her] his free act and deed this 15 day of Mar., 2002.



Notary Public

JEANNE HALLISSEY  
Notary Public  
My Commission Expires Nov. 26, 2004

10/089027

1089027 REC'D PCT/PTO 26 MAR 2002

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U.S. Department of Commerce

Patent and Trademark Office



## RECORDATION FORM COVER SHEET

## PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

JACK, William E.  
GARDNER, Andrew F.

## 2. Name and address of receiving party(ies):

Name: New England Biolabs, Inc.

Internal Address: \_\_\_\_\_

Street Address: 32 Tozer Road

## 3. Nature of Conveyances:

- Assignment       Merger  
 Security Agreement       Change of Name  
 Other: \_\_\_\_\_

City: Beverly      State: MA      Zip: 01915

Additional name(s) &amp; address(es) attached? No

Execution Date: March 18, 2002

## 4. Application number(s) or patent number(s):

3/18/2002

If this document is being filed together with a new Application, the execution date of the application is: \_\_\_\_\_

## A. Patent Application No.(s)

## B. Patent No.(s)

Additional numbers attached? No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Gregory D. Williams  
General CounselStreet Address: New England Biolabs, Inc.  
32 Tozer Road

City: Beverly      State: MA      Zip: 01915

## 6. Total number of applications and patents involved: one

7. Total fee (37 CFR 3.41): ..... \$ 40.00

 Enclosed Authorized to be charged to deposit account

8. Deposit Account Number: 14-0740

(Attach duplicate copy of this page if paying by deposit account)

04 02/2002 MAL111 0000029 10089027

05 FEE:581 40.00 UP

## DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gregory D. Williams (Reg. No. 30901)

3/25/02

Signature

Date

Name of Person Signing

Total number of pages comprising cover sheet: one

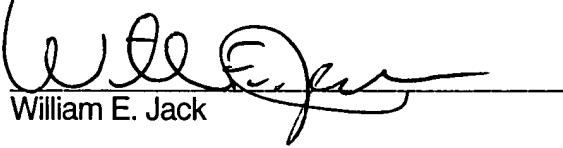
OMB No. 0651-0011 (exp. 4/94)

## ASSIGNMENT

We, William, E. Jack and Andrew F. Gardner for good and valuable consideration from New England Biolabs, Inc., a Massachusetts Corporation, having its principal place of business in Beverly, Massachusetts, hereinafter called the Assignee, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title, and interest in, to and under an application for Letters Patent of the United States Serial No. \_\_\_\_\_, signed by me on uneven date herewith for improvements in **INCORPORATION OF MODIFIED NUCLEOTIDES BY ARCHAEOON DNA POLYMERASES AND RELATED METHODS** including all priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent.

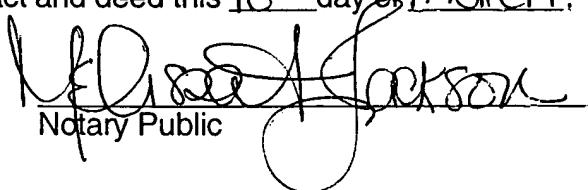
And for the above consideration I agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation or reissue, or other papers which may be necessary or desirable to secure to the Assignee, said application and all patent rights therein, in the United States and in any country foreign thereto.

**IN WITNESS THEREOF**, I, William E. Jack, hereunder set my hand and seal this 18<sup>th</sup> day of March, 2002, and I, Andrew F. Gardner, hereunder set my hand and seal this 18<sup>th</sup> day of March, 2002.

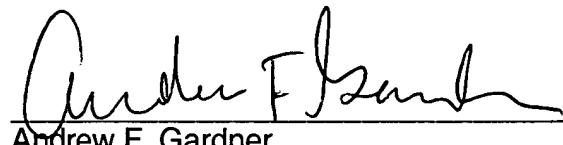
  
William E. Jack

Commonwealth (State) of Massachusetts  
County of Essex ss.

Before me personally appeared said William E. Jack and acknowledged the foregoing instrument of assignment to be [her] his free act and deed this 18<sup>th</sup> day of March, 2002.

  
Notary Public

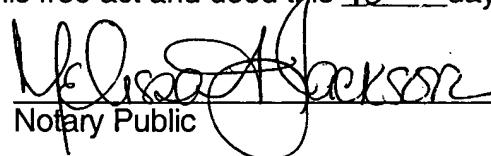
Assignment - Page 2 of 2



Andrew F. Gardner

Commonwealth (State) of Massachusetts  
County of Essex ss.

Before me personally appeared said Andrew F. Gardner and acknowledged the foregoing instrument of assignment to be [her] his free act and deed this 10<sup>th</sup> day of March, 2002

Michael Jackson

Notary Public